



**Britomatics**

# MAGNUM PLUS

Digital Textile Printer with Adhesive Belt



Powered By Dual DX5  
printhead  
with option of 4 Printheads

## Magnum Plus: Digital Textile Printing Redefined

This printer is manufactured with visibly high quality components and supported by a high precision adhesive belt type with a production speed of 80 sqm/hr. Ideal for high production runs on a wide range of textile substrates, up to 1.8m width.

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# DIGITAL TEXTILE PRINTING

## FEATURES

### CLEANING UNIT

Set of rotating rollers on the washing unit with open water circuit prevents back printing by removing the excess of ink from the adhesive blanket. The entire washing unit can be extracted for inspection and cleaning

### BULK INK SUPPLY SYSTEM

The Magnum plus can print with all acid, reactive, disperse, pigment and sublimation inks.

### EXTRA PRECISION WITH ADHESIVE BELT SYSTEM

The adhesive blanket prevents the fabric in the belt move or shift during conveying without applying tension. This way even media that stretch or contract can be printed. A precision twin-roll unwind mechanism guides the fabric precisely and smoothly onto the blanket making it ideal to print also on stretch fabrics without distortion

### ADVANCED HOT AIR INFRARED DRYER

Magnum Plus comes with three hot air dryers. Two before the printed fabric rewind station to dry printed fabric, and the last one just after the washing unit to dry out water traces and pre-heat the blanket's surface to optimal working temperatures of the thermoplastic adhesive.

### NEW PRINTHEADS, SPEED AND QUALITY

The Magnum Plus comes with the extra wide variable dot EPSON printheads, with 1440 nozzles per head, 4 times more than the conventional printheads.

## TECHNICAL SPECIFICATIONS

MODEL NAME	Mangum Plus
PRINT HEAD - COLORS	Dual 1440 Nozzles Piezo print heads, 8 colors, 8X180 Nozzles
PRINTING WIDTH	1643 mm
PRINT HEAD LEVEL	Printhead level adjustment from substrate: >1-7mm
PRINTHEAD CLEANING	Automatic Print head cleaning cycle
PRINT RESOLUTIONS	540 dpi, 720 dpi, 1440 dpi, 4, 6, 8 pass
FABRIC TRANSPORT	Adhesive Belt
FABRIC TYPE	Woven or knitted cotton, wool, silk, polyester, cashmere and viscose etc
RIP	RIP Master
PRINT WIDTH, ROLL SIZE	Maximum Print Width : 1643 mm - Maximum fabric roll diameter: 28cm
MAX PRINTING SPEED	4 Pass: 35 Sq Mtr/Hr 8 Pass: 18 Sq mtr/Hr- 6 Pass: 24 Sq Mtr/Hr 12 pass: 12 Sq Mtr/Hr
INK TYPE	Acid, Reactive, Disperse, Pigment
INTERFACE	USB 2.0
POWER VOLTAGE	220 V/380 V 3 phase +ground
POWER FREQUENCY	50 Hz/60Hz

Dimensions and specifications may vary by model

**Inks:** Sublimations Inks, Pigment Ink, Reactive Ink, Dye Ink

**Substrate:** Sublimation paper, Sublimation Fabric, Pretreated Fabric for digital printing

**Accessories & Consumables:** Sponge Rolls

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